

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Biju Chandran et al.

Title: CHIP-JOIN PROCESS TO REDUCE ELONGATION MISMATCH BETWEEN THE ADHERENTS AND SEMICONDUCTOR PACKAGE MADE THEREBY

Docket No.: 884.A27US1

Serial No.: 10/023,819

Filed: December 21, 2001

Due Date: July 25, 2005

Examiner: John B. Vigushin

Group Art Unit: 2827

Customer No.: 21186

Confirmation No.: 3133

Commissioner for Patents

**Notice of Allowance Date:**

Attn: MAIL STOP ISSUE FEE

April 25, 2005

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the attached:

☒ Charge deposit account No. 19-0743 in the amount \$ 70.00 to cover the Large Entity Issue Fee Payment.

☒ Charge deposit account No. 19-0743 in the amount \$ 3.00 to cover the Extra Patent Copies Fee (1 copy).

☒ Issue Fee Transmittal (Form PTOL-85).

☒ Request to Apply Previously Paid Issue Fee (1 Pg.).

☒ A return postcard.

☒ Amendment Under 37 C.F.R. 1.312(a) (11 Pgs.).

☒ Comments on statement for reasons of Allowance (2 Pgs.).

☒ Communication Concerning Related Applications (1 Pg.).

☒ Copy of decision on petition to withdraw (1 Pg.).

Please charge any additional required fees for the Issue Fee Payment or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number: 21186

By Ann M. McCrackin

Ann M. McCrackin

Reg. No. 42,858

AMM1:CMG:zmc

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Attn - MAIL STOP ISSUE FEE, P.O. Box 1450, Alexandria, VA 22313-1450, on this 25 day of July, 2005.

Zhanabeky M. Carrion

Name

Zhanabeky Carrion  
Signature



S/N 10/023,819

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Biju Chandran et al.  
Serial No.: 10/023,819  
Filed: December 21, 2001

Examiner: John B. Vigushin  
Group Art Unit: 2827  
Docket No.: 884.A27US1

Title CHIP-JOIN PROCESS TO REDUCE ELONGATION MISMATCH BETWEEN THE ADHERENTS  
AND SEMICONDUCTOR PACKAGE MADE THEREBY

REQUEST TO APPLY PREVIOUSLY PAID ISSUE FEE

Commissioner for Patents  
ATTN: MAIL STOP ISSUE FEE  
P.O. Box 1450  
Alexandria, VA 22313-1450

An issue fee for the above-identified application was previously paid on October 8, 2003. A petition under 37 CFR 1.313(c)(2) to withdraw the above-identified application from issue after payment of the issue fee was previously filed on October 22, 2004. Applicant received a decision, dated March 24, 2005, granting the petition to withdraw.

Applicant respectfully requests that the above-identified previously-paid issue fee be applied towards the fee required by the new Notice of Allowance dated April 25, 2005.

The present issue fee has increased from the previously-paid issue fee. Please charge deposit Account No. 19-0743 in the amount of \$70.00 to cover the issue fee increase.

**Please charge any additional required fees for the Issued Fee Payment or credit overpayment to Deposit Account No. 19-0743.**

This request is being submitted with the new Issue Fee Transmittal Form PTOL-85, along with a copy of the above-identified decision granting the petition to withdraw.

Respectfully submitted,  
By their Representatives,  
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6965

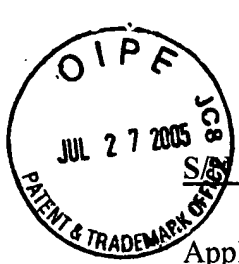
Date July 25, 2005

By Ann M. McCrackin  
Ann M. McCrackin  
Reg. No. 42,858  
AMM1:CMG:zmc

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Shakalby M. Cannon  
Name

Shakalby Cannon  
Signature



S/N 10/023,819

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Biju Chandran et al. Examiner: John Vigushin  
Serial No.: 10/023,819 Group Art Unit: 2827  
Filed: December 21, 2001 Docket: 884.A27US1  
Title: CHIP JOIN PROCESS TO REDUCE ELONGATION MISMATCH BETWEEN  
THE ADHERENTS AND SEMICONDUCTOR PACKAGE MADE THEREBY

Assignee: Intel Corporation

Customer No: 21186

**COMMENTS ON STATEMENT FOR REASONS OF ALLOWANCE**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

These comments are in response to the Examiner's statement of reasons for allowance in the Notice of Allowance mailed on April 25, 2005.

On pages 2-3, the Detailed Action implies that the elements of claim 14 are the same as elements of claim 22. Applicants do not concede that the elements of claim 14 are the same as elements of claim 22. For example, claims 22-24 do not include "...in the electronic assembly...".

Conclusion

Applicants respectfully submit that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicants' attorney, Lucinda Price (located in Gainesville, Florida), at (352) 373-8804, or Applicants' below-named representative (located in Minneapolis, Minnesota) to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

BIJU CHANDRAN ET AL.

By their Representatives,

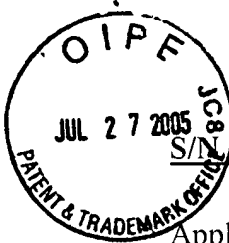
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
Attorneys for Intel Corporation  
P.O. Box 2938  
Minneapolis, Minnesota 55402  
(612) 349-9592

Date July 25, 2005 By Ann M. McCrackin  
Ann M. McCrackin  
Reg. No. 42,858

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Zbortalsky M. Carrion  
Name

Zbortalsky M. Carrion  
Signature



S/N 10/023,819

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Biju Chandran et al. Examiner: John Vigushin  
Serial No.: 10/023,819 Group Art Unit: 2827  
Filed: December 21, 2001 Docket: 884.A27US1  
Title: CHIP-JOIN PROCESS TO REDUCE ELONGATION MISMATCH BETWEEN  
THE ADHERENTS AND SEMICONDUCTOR PACKAGE MADE THEREBY  
Assignee: Intel Corporation Customer No. 21186

COMMUNICATION CONCERNING RELATED APPLICATION(S)

MS Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related application(s) in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date</u>	<u>Attorney Docket</u>	<u>Title</u>
10/023723	December 21, 2001	884.B14US1	SEMICONDUCTOR PACKAGE WITH PACKAGE-TO-DIE INTERCONNECT SCHEME (As Amended)
11/010,123	December 10, 2004	884.B14US2	METHOD OF INTERCONNECTING DIE AND SUBSTRATE (As Amended)

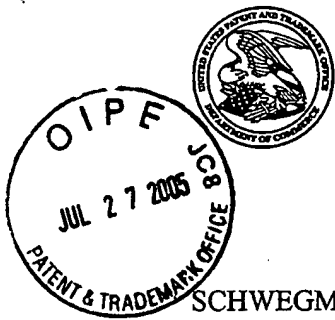
Respectfully submitted,  
BIJU CHANDRAN ET AL.  
By their Representatives,  
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
Attorneys for Intel Corporation  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6970

Date July 25, 2005 By Ann M. McCrackin  
Ann M. McCrackin  
Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 25 day of July 2005.

Zbakhaleky M. Cannon  
Name

Zbakhaleky Cannon  
Signature



UNITED STATES PATENT AND TRADEMARK OFFICE

884. A27US1

COMMISSIONER FOR PATENTS  
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SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. BOX 2938  
MINNEAPOLIS, MN 55402

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MAR 24 2005

OFFICE OF PETITIONS

In re Application of  
Biju Chandran, et al.  
Application No. 10/023,819  
Filed: December 21, 2001  
Attorney Docket No. 21940779X00

ON PETITION

This is a decision on the petition, filed October 22, 2004, under 37 CFR 1.313(c)(2) to withdraw the above-identified application from issue after payment of the issue fee.

The petition is **GRANTED**.

The above-identified application is withdrawn from issue for consideration of a submission under 37 CFR 1.114 (request for continued examination). See 37 CFR 1.313(c)(2).

*Petitioner is advised that the issue fee paid on September 7, 2004 in the above-identified application cannot be refunded. If, however, the above-identified application is again allowed, petitioner may request that it be applied towards the issue fee required by the new Notice of Allowance.<sup>1</sup>*

Telephone inquiries relating to this decision should be directed to the undersigned at (571) 272-3204.

The application is being referred to Technology Center AU 2841 for further processing of the request for continued examination under 37 CFR 1.114.

*Sherry D. Brinkley*  
Sherry D. Brinkley  
Petitions Examiner  
Office of Petitions  
Office of the Deputy Commissioner  
for Patent Examination Policy

<sup>1</sup>The request to apply the issue fee to the new Notice may be satisfied by completing and returning the new Issue Fee Transmittal Form PTOL-85(b), which includes the following language thereon: "Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or re-apply any previously paid issue fee to the application identified above." Petitioner is advised that, whether a fee is indicated as being due or not, the Issue Fee Transmittal Form must be completed and timely submitted to avoid abandonment. Note the language in bold text on the first page of the Notice of Allowance and Fee(s) Due (PTOL-85).

DOPT

